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 TOOKER, D.W. Iowa Electric Light & Power Co.
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 Region 3, Chicago, Office of the Director

SUBJECT: LER 80-028/01T-0: on 800712, during IE Bulletin 80-17 reactor
 scram testing, scram discharge vol drain valve CV-1867 would
 not seal against reactor pressure. Caused by installation
 problem. Valve was reoriented in accordance w/plant design.

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

80CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)8080308080

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DUANE ARNOLD ENERGY CENTER
Iowa Electric Light and Power Company
Licensee Event Report - Supplemental Data
Docket No. 050-0331

Licensee Event Report Date: 7-25-80

Reportable Occurrence No: 80-028

On July 12, 1980 during the IE Bulletin No. 80-17 related reactor scram testing, it was determined that the scram discharge volume (SDV) drain valve CV-1867 would not seal against reactor pressure. This condition created the potential for excessive leakage to the closed radwaste sump system until the scram is reset. Manual operator on the valve provided backup isolation capability. The drain valve is a Black, Sivalls, and Bryson, Inc., 2 inch, air opened spring and flow assisted closed globe valve. Reference Technical Specification 3.6.G No similar event reports have been submitted.

Cause Description

Installation problem. Subsequent investigation revealed that the drain valve had been installed backwards during plant construction.

Corrective Action

The drain valve was removed from the drain line and re-oriented in accordance with plant design documents while the plant was in a cold shutdown condition on July 16, 1980. Subsequently the SDV was hydrotested at 1500 psig. The new welds were liquid penetrant examined satisfactorily. The drain valve CV-1867 was functionally tested at 1000 psig satisfactorily. No further corrective action is planned at this time.